APPLICANT(S): Asaf Atzmon
SERIAL NO.: 10/632,942
FILED: 07/31/2003
Page 2

AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (original) A method for multicasting an event of interest, the method comprises the steps of:

    detecting an occurrence of an event of interest within a received media stream; and

    multicasting at least one media stream of interest that comprises the event of interest.

2. (original) The method of claim 1 further comprising multicasting the received media stream.

3. (original) The method of claim 1 further comprising temporarily storing the received media stream.

4. (original) The method of claim 3 further comprising multicasting the received media stream substantially in parallel with said temporarily storing.

5. (original) The method of claim 1 wherein the step of detecting comprises analyzing the received media to check a compliance of a received media stream segment with an event detection criterion.

6. (original) The method of claim 5 wherein the event detection criterion is responsive to a level of noise signal exceeds a threshold.

7. (original) The method of claim 5 wherein the event detection criterion is responsive to a level of audio signal within predefined frequency.

8. (original) The method of claim 5 wherein the step of detecting comprises monitoring instant replay requests associated with a certain media stream, said requests being generated within a predefined time window.

9. (original) The method of claim 5 wherein the step of detecting comprises monitoring media distribution resource allocation.

10. (original) The method of claim 5 wherein the step of detecting comprises image processing of the received media stream.

APPLICANT(S): Asaf Atzmon
SERIAL NO.:   10/632,942
FILED: 07/31/2003
Page 3

11. (original) The method of claim 1 further comprising a step of notifying a client about an occurrence of an event of interest.

12. (original) The method of claim 11 wherein the step of notifying comprising displaying at least one symbol.

13. (original) The method of claim 11 wherein the step of notifying comprises displaying at least one image representative of the event of interest.

14. (original) The method of claim 11 wherein the step of notifying comprises sending to the client information for allowing the client to tune to a multicast media stream of interest.

15. (original) The method of claim 11 wherein the method comprises converting a media stream of interest to a sequence of images representative of the media stream of interest, and displaying the sequence of images, whereas the sequence of images is formatted such as to be processed by a client device unit other than a decoder.

16. (original) The method of claim 15 wherein the sequence of images is displayed at a client device in addition to another media stream.

17. (original) The method of claim 1 wherein a media stream of interest comprises multiple events of interest that occurred during a predefined period.

18. (original) The method of claim 1 wherein a media stream of interest comprises multiple events of interest that are associated with a certain channel or program.

19. (original) The method of claim 1 wherein a media stream of interest comprises multiple events of interest of a certain type.

20. (original) The method of claim 1 further comprising a step of updating media streams of interest according to update parameters.

21. (original) The method of claim 1 further comprising a step of updating a media stream of interest in response to client feedback.

22. (original) The method of claim 1 further comprising a step of updating a media stream of interest in response to client actions.

23. (original) The method of claim 1 further comprising a step of preventing additional multicasting of received media streams that comprise an event of interest once the event of interest is multicast within a media stream of interest.

24. (original) The method of claim 1 further comprising a step of switching a client device to a multicast preventing additional multicasting of received media streams that comprise an event of interest once the event of interest is multicast within a media stream of interest.

25. (original) The method of claim 11 wherein the client is notified about an event of interest according to notification rules, whereas at least one notification rule is defined by the client.

26. (original) The method of claim 1 wherein a client receives a first media stream and is notified about an event of interest that occurred in a second media stream.

27. (currently amended) A system for multicasting an event of interest, the ~~method~~ system comprises the steps of:

> means for detecting an occurrence of an event of interest within a received media stream; and

> means for multicasting at least one media stream of interest that comprises the event of interest.

28. (original) The system of claim 27 further adapted to multicast the received media stream.

29. (original) The system of claim 27 further comprising means for temporarily storing the received media stream.

30. (original) The system of claim 29 further adapted to multicast the received media stream substantially in parallel with said temporarily storing.

31. (original) The system of claim 27 wherein the detecting means analyze the received media to check a compliance of a received media stream segment with an event detection criterion.

32. (original) The system of claim 31 wherein the event detection criterion is responsive to a level of noise signal exceeds a threshold.

33. (original) The system of claim 31 wherein the event detection criterion is responsive to a level of audio signal within predefined frequency.

34. (original) The system of claim 31 wherein the detection means are monitor instant replay requests associated with a certain media stream, said requests being generated within a predefined time window.

APPLICANT(S): Asaf Atzmon
SERIAL NO.: 10/632,942
FILED: 07/31/2003
Page 5

35. (original) The system of claim 31 wherein the detection means monitor media distribution resource allocation.

36. (original) The system of claim 31 wherein the detection means image process the received media stream to detect an event of interest.

37. (original) The system of claim 27 further comprising means for notifying a client about an occurrence of an event of interest.

38. (original) The system of claim 37 wherein the client is notified by a display of at least one symbol.

39. (original) The system of claim 37 wherein the client is notified by a display of at least one image representative of the event of interest.

40. (original) The system of claim 37 wherein notification means send to clients information for allowing the client to tune to a multicast media stream of interest.

41. (original) The system of claim 37 wherein the system further comprises means for converting a media stream of interest to a sequence of images representative of the media stream of interest, and whereas the means for notifying are operable to notify a client by a display of a sequence of images, whereas the sequence of images is formatted such as to be processed by a client device unit other than a decoder.

42. (original) The system of claim 41 wherein the sequence of images is displayed in addition to another media stream.

43. (original) The system of claim 37 wherein a media stream of interest comprises multiple events of interest that occurred during a predefined period.

44. (original) The system of claim 37 wherein a media stream of interest comprises multiple events of interest that are associated with a certain channel or program.

45. (original) The system of claim 37 wherein a media stream of interest comprises multiple events of interest of a certain type.

46. (original) The system of claim 37 further comprising means for updating media streams of interest according to update parameters.

47. (original) The system of claim 46 wherein the updating means are responsive to client feedback.

48. (original) The system of claim 46 wherein the updating means are responsive to client actions.

49. (original) The system of claim 27 further adapted to prevent additional multicasting of received media streams that comprise an event of interest once the event of interest is multicast within a media stream of interest.

50. (original) The system of claim 27 further adapted to switch a client device to a multicast preventing additional multicasting of received media streams that comprise an event of interest once the event of interest is multicast within a media stream of interest.

51. (original) The system of claim 37 capable of notifying a client about an event of interest according to notification rules, whereas at least one notification rule is defined by the client.

52. (original) The system of claim 37 capable of notifying a client about an event of interest that occurred in a media stream other than the media stream to which the client device is tuned to.